TITLE INDEX, 1969

Material Sciences

Down to the Seas in Concrete, Ralph Burton, February

Navy Contract Experiments Probe Secrets of Metals, James L. Redding, August

Physical Sciences

Critical Properties, Robert G. Morris, June

Skyhook, CDR W. R. Wilson, USN, December

Mathematical Sciences

Spectroscopy in the Space Science Division of NRL, W. R. Hunter and T. C. Winter, November

Electronic Computers in the Navy, A. Shostak, January

The Whole World Metric, But When, Harley J. Walker, March

Graphical Processing, W. J. Poppelbaum and W. J. Kubitz, November

Biological and Medical Sciences

Anitshark Measures, CAPT H. David Baldridge and C. Scott Johnson, April

Dental Mechanics, A. A. Caputo, J. E. Hilzinger, E. W. Collard, and T. P. Standlee, April

Gamma Radiation Kills Snails, Carriers of Schistosomiasis, June

Naval Immunochemistry, Robert Jennings, January

Plague, David M. Eisler, December

Naval Applications and Analysis

Status and Potential of Research Ballooning, H. Demboski and CDR W. R. Wilson, March

Navy's Role in BOMEX, March

Naval Biological Laboratory, Neylan Vedros, January

Rarefied Gas Dynamics, L. Talbot, F. S. Sherman, and F. C. Hurlbut, June

A Motion Generator for Sea Craft, CDR David Heerwagen, USN, August

The Heat Pipe and Some Potential Naval Applications, CDR O. J. Loper, August

Applications of Interferometric Holography, Gerald M. Mayer, May

Mechanical Failure Technology, LCDR Donald Flage, February

Navy Research and Development, Robert A. Frosch, April

Requirements for Modern Ship Production, E. Frankel, October

Semiautomatic Signaling in Tactical Voice Communications, CDR R. C. Hanford, June

Project THEMIS at the University of Notre Dame and University of Massachusetts, CDR Palmer, September
Navy THEMIS Program, February

Ocean Science and Technology
A Research Program in Diver Communication, Gilbert C. Tolhurst and Harry Hollien, December
Techniques for Ocean Floor Search, J. J. Gennari, September
Space and the Sea, the New Research Horizon, RADM Thomas B. Owen, May
Salvaging the Alvin, CDR John Donnelly, October
TEKTITE Press Conference, July
TEKTITE I: 1440 Hours on the Bottom of the Sea, February
Working with Sea Floor Sediments, R. J. Smith, October

Earth Sciences
Arctic Sea Ice, N. Untersteiner and G. A. Maykut, May
Automatic Collection of Environmental Data, CDR W. R. Wilson, October
Complex Molecular Compound Discovered Between the Stars, March
Brightness of the Big Bang, January

Miscellaneous
Copyright, Fair Use and the Navy Scientist, James W. Brennan, March
Navy Science Cruiser Program, November

AUTHOR INDEX, 1969

Baldridge, H. David, CAPT, USN, April
Brennan, James W., March
Buckner, Donald N., August
Burton, Ralph, February
Caputo, A. A., April
Collard, E. W., April
Demboski, H., March
Donnelly, John, LCDR, USN, April
Eisler, Daniel, December
Flage, Donald, LCDR, USN, February
Frankel, E., October
Frosch, Robert A., April
Gennari, J. J., September
Hanford, R. S., CDR, USN, September
Heerwagen, David D., CDR August
Hilzinger, J. E., April
Hollien, Harry, December

U. S. GOVERNMENT PRINTING OFFICE : 1969 O - 371-088